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APPLICATION NOTE

Artificial Sweeteners

Application 2001 LC

Column : Polaris 5 μ Amide, 150 x 4.6mm
Part No.: A2006150X046
Eluent : A: H₂O + 0.1% HCOOH, pH 2.0 : MeCN 94 : 6
Flow : 1.0 ml/min
Detection : UV @ 254nm

Peak Identification

1. L-phenylalanine
2. beta-aspartyl L-phenylalanine
3. alpha-aspartyl L-phenylalanine
4. dикетопиperазинe
5. F-aspartyl phenylalanine
6. L-phenylalanine methyl ester HCl
7. beta-aspartame and
8. alpha-aspartame

